

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES

IN

TOWNSHIP 12 SOUTH, RANGE 2 WEST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Ronald K. Baugh
Supervisory Cadastral Surveyor

Under Special Instructions dated **July 17, 2006**, approved **July 17, 2006**, which provided for the surveys included under Group Number **1024**, and assignment instructions dated **July 17, 2006**.

Survey commenced **July 19, 2006**
Survey completed **July 20, 2006**

INDEX DIAGRAM

Township 12 South, Range 2 West

6	5	5 4	4 3	2 2	1
7	8	4 9	3 10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TOWNSHIP 12 SOUTH, RANGE 2 WEST, SALT LAKE MERIDIAN, UTAH.

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines in Township 12 South, Range 2 West, Salt Lake Meridian, Utah.

History of Surveys**Surveyed by****Retr. or Resurveyed by****SOUTH BOUNDARY**

Portion	A.J. Stewart Jr.	1878		
Portion	S.P & A.J. Stewart Jr.	1898		
Portion			E. Bird & A. Nelson	1944
Portion			R.A. Zaninovich	1991-92

EAST BOUNDARY

All	A.J. Stewart Jr.	1878		
Portion			J.F. Carroll	2001

WEST BOUNDARY

Portion	J. Gorlinski	1873		
All	E. Bird & A. Nelson	1944	E. Bird & A. Nelson	1944

NORTH BOUNDARY

Portion	J. Gorlinski	1873		
All	A.J. Stewart Jr.	1878	A.J. Stewart Jr.	1878
Portion			H.D. Heist	1903
Portion			J.C. Thoma & H.W. Miller	1921
Portion			E. Bird & A. Nelson	1944
Portion			J.L. Thomas	1987

SUBDIVISION

Portion	A.J. Stewart Jr.	1878		
Portion	E. Bird & A. Nelson	1944	E. Bird & A. Nelson	1944
Portion			M.R. Workman & R.K. Baugh	1996
Portion			J.F. Carroll	2001

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 1024, dated July 17, 2006.

The direction of the lines was determined by references to true meridians, established by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods, dated May 9, 2001, Version 1.0. Trimble model 5700 GPS receivers were used for field collection. Cadastral Automated Plat Drafting (CAPD) software was the primary software utilized for the project calculations.

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Preliminary to the resurvey, the lines of the prior surveys were retraced and a diligent search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

Cadastral Control Network was derived from GPS static observations, post processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): DELTAMUNI_UT2004 CORS ARP, KENNECOTT1UT2005 CORS ARP, and MIDVALE CORS ARP.

The geographic position of the corner of sections 2, 3, 10, and 11 in said Township as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: 39°47'18.708" N. Longitude: 112°01'34.949" W.
N.A.D. 1983, Network Accuracy = 0.200 meter at 95% confidence.
N.A.V.D. 1988 Elevation: 6191 ft.

Dependent Resurvey of a Portion of the Subdivisional Lines in
Township 12 South, Range 2 West, Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
A.J. Stewart Jr. in 1878

Beginning at the corner of sections 2, 3, 10, and 11, monumented with an aluminum post, firmly set, projecting 6 inches above the ground, with aluminum cap marked as described in the official record of the 2001 dependent resurvey, with a mound of stone, 3 ft. base, 6 inches high, 2 links west.

From which a fence corner with barbed wire fences extending south and east, bears south, 1 link distance.

N. 0°04.4' W., between sections 2 and 3.

39.291 The 1/4 section corner of sections 2 and 3, monumented with a granite stone, 14 X 12 X 8 inches, marked 1/4 on west face, firmly set in a mound of stone, 3 ft. base, 6 inches high.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 5 inches in the ground to solid rock, in a mound of stone, 4 ft. base to top of aluminum cap marked:

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T 12 S R 2 W
1/4
S 3 | S 2
2006

Deposit the marked stone along west side of the aluminum post.

N. 0°10.9' W., beginning new measurement.

39.305

The corner of sections 2 and 3 only, on the north boundary of the township, monumented with a stainless steel post, 2 1/2 inches in diameter, set in a mound of stone, 4 ft. base, 10 inches high to top of brass cap not marked as described in the official record of the 1987 dependent resurvey. S 35 is not marked on the brass cap.

Corner is located on steep NW slope amid thick juniper.

Reestablishment of the Survey Executed by
A.J. Stewart Jr. in 1878 and the Dependent Resurvey Executed
by J.F. Carroll in 2001

From the corner of sections 2, 3, 10, and 11.

S. 87°52.2' W., between sections 3 and 10.

39.859

Point for the 1/4 section corner of sections 3 and 10, at proportionate distance based on the irregular boundary adjustment; did not find the 2001 aluminum post monument. At this point, found a survey lathe marked "Sec. Cor. Location".

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 26 inches in the ground, with aluminum cap marked:

T 12 S R 2 W
S 3
1/4 —————
S 10
2006

Corner is located in a projected fence line extending south.

S. 87°12.9' W., beginning new measurement.

38.929

The corner of sections 3, 4, 9, and 10, monumented with an aluminum post, 2 1/2 inches in diameter, projecting 6 inches above a mound of stone, 5 ft. base, 2 ft. high, with aluminum

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cap marked as described in the official record of the 2001 dependent resurvey.

Corner is located on a SE slope amid thick juniper. A 30 ft. wide cat-track road is 23 links east of the corner, bears northerly.

Reestablishment of the Survey Executed by
A.J. Stewart Jr. in 1878

N. 1°37.2' W., between sections 3 and 4.

39.812

The 1/4 section corner of sections 3 and 4, monumented with a trachyte stone, 18 X 15 X 10 inches, firmly set, marked 1/4 on west face, with a mound of stone, 4 ft. base, 3 ft. high, 2 links east.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 12 inches in the ground to solid rock, in a mound of stone, 6 ft. base to top of aluminum cap marked:

T 12 S R 2 W
1/4
S 4 | S 3
2006

Bury the marked stone along west side of the aluminum post.

Corner is located on a steep south rocky slope amid thick juniper, 17 links east of an ancient barbed wire fence, bears north and south.

N. 2°00.2' W., beginning new measurement.

39.901

The corner of sections 3 and 4 only, on the north boundary of the township, monumented with an aluminum post, 2 1/2 inches in diameter, set in a mound of stone, 4 ft. base, 23 inches high to top of aluminum cap marked as described in the official records of the 1987 dependent resurvey.

Corner is located 6 links distance, east of a fence corner with ancient barbed wire fences extending south and west, amid thick juniper.

From the corner of sections 3, 4, 9, and 10.

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S. 89°09.5' W., between sections 4 and 9.

- 40.832** The 1/4 section corner of sections 4 and 9, monumented with a granite stone, 14 X 14 X 8 inches, dimly marked, firmly set in a mound of stone, 2 ft. base, 6 inches high; with a steel fence post set along the north side of corner.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 20 inches in the ground to solid rock, in a mound of stone, 3 ft. base to top of aluminum cap marked:

T 12 S R 2 W
S 4
1/4 —————
S 9
2006

Bury the marked stone along east side of the aluminum post.

S. 88°57.8' W., beginning new measurement.

- 40.753** The corner of sections 4, 5, 8, and 9, monumented with an aluminum post, firmly set, projecting 4 inches above the ground, with aluminum cap marked as described in the official records of the 1996 dependent resurvey, with a mound of stone, 3 ft. base, 2 ft. high, 2 links west, and a steel fence post along the north side of corner.

Corner is located on south slope amid sage, scattered juniper, and native grasses. A fence corner bears S.45°11'E., 382 links distance, with barbed wire fences extending north, south, and west.

N. 0°27.4' W., between sections 4 and 5.

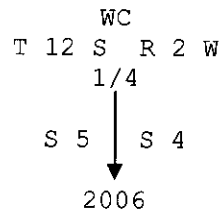
- 39.548** Point for the 1/4 section corner of sections 4 and 5, at proportionate distance, falls on a 40 inch diameter juniper tree, where it is unsuitable for monumentation. There is no remaining evidence of the original corner.

- 39.692** Point selected for witness 1/4 section corner of sections 4 and 5.

Set an aluminum post, 30 inches long, 2 1/2 inches in diameter, 12 inches in the ground to solid rock, in a mound of stone, 4 ft. base to top of aluminum cap marked:

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78.800 The corner of sections 4 and 5 only, on the north boundary of the township, monumented with a stainless steel post, 2 1/2 inches in diameter, set in a mound of stone, 4 ft. base, 15 inches high to top of brass cap marked as described in the official records of the 1987 dependent resurvey.

Corner is located west of a draw, under an ancient barbed wire fence.

UNITED STATES
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BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Travis R. Hanks	Survey Technician
Glenn B. Hatch	Land Surveyor

CERTIFICATE OF SURVEY

I, **Ronald K. Baugh**, **Supervisory Cadastral Surveyor**, hereby certify upon honor, that in pursuance of special instructions bearing the date of the **17th day of July, 2006**, I have **dependently resurveyed a portion of the subdivisional lines in Township 12 South, Range 2 West**,

of the **Salt Lake** Meridian, in the State of **Utah**, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions of the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

Nov. 08, 2008
Date

Ronald K. Baugh
Supervisory Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the subdivisional lines in Township 12 South, Range 2 West, Salt Lake Meridian, Utah**,

executed by **Ronald K. Baugh**, **Supervisory Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

December 3, 2008
Date

Daniel W. Webb
(Chief Cadastral Surveyor for Utah)